

APPLICANT(S): STEINER, Mitchell S. et al.
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AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1. (Currently amended) An isolated nucleic acid molecule encoding a human p-Hyde protein, comprising the nucleic acid sequence as set forth in SEQ ID No. 1.
- 2-6 (Cancelled)
7. (Previously presented) The isolated nucleic acid molecule of claim 1, wherein the nucleic acid is DNA.
- 8-9 (Cancelled)
10. (Previously presented) The isolated nucleic acid molecule of claim 1, wherein the nucleic acid is labeled with a detectable marker.
11. (Previously presented) The isolated nucleic acid molecule of claim 10, wherein the detectable marker is a radioactive, colorimetric, luminescent, fluorescent marker, or gold label.
- 12-17 (Cancelled)
18. (Previously presented) A vector comprising the isolated nucleic acid molecule of claim 1.
19. (Previously presented) The vector of claim 18, further comprising a regulatory element operatively linked to the nucleic acid molecule.
20. (Previously presented) The vector of claim 19, wherein the regulatory element comprises a bacterial, yeast, insect or mammalian promoter.
21. (Previously presented) The vector of claim 20, wherein the vector is a plasmid, cosmid, yeast artificial chromosome (YAC), bacterial artificial chromosome (BAC), adenovirus, adeno-associated virus, retrovirus, P1, bacteriophage or eukaryotic viral DNA.
22. (Previously presented) The vector of claim 21, wherein said vector is a replication-deficient adenovirus type 5 expression vector.

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23. (Previously presented) The adenovirus vector of claim 22, wherein the adenovirus vector comprises an adenovirus genome wherein the p-Hyde gene is inserted within a deletion in the E1 and E3 region of the genome.
24. (Previously presented) The vector of claim 19, wherein the regulatory element is a Rous Sarcoma virus promoter.
25. (Previously presented) A cell comprising the vector of claim 18.
26. (Previously presented) The cell of claim 25, wherein said cell is a prokaryote.
27. (Previously presented) The cell of claim 25, wherein said cell is a yeast, insect, plant or mammalian cell.
- 28-54 (Cancelled)
55. (Cancelled)
56. (Previously presented) An isolated nucleic acid molecule comprising a nucleic acid sequence which shares at least 95% identity with the nucleic acid sequence of SEQ ID NO: 1.
- 57-58 (Cancelled)
59. (Previously presented) The isolated nucleic acid molecule of claim 7, wherein said DNA is cDNA or genomic DNA.
60. (Currently amended) An isolated nucleic acid[[,]] encoding an amino acid sequence comprising the sequence as set forth in SEQ ID NO. 2.
- 61-63 (Cancelled)